

CAS/STN FILE 'WPIX, JAPIO, HCAPLUS' ENTERED AT 08:10:11 ON 23 DEC 2003

L1 2 S (US2001-20638/PRN OR US2001-20638/AP)
L2 SEL PLU=ON L1 1-IC RN: 13 TERMS
L3 472563 S L2
L4 2 S L1 AND L3

FILE 'HCAPLUS' ENTERED AT 09:10:59 ON 23 DEC 2003

L5 1 S US2001-0020638/PRN,AP
L6 SEL PLU=ON L5 1-RN: 10 TERMS

FILE 'REGISTRY' ENTERED AT 09:11:20 ON 23 DEC 2003

L7 10 S L6
L8 1 S L7 AND (ANHYDRIDE OR DIANHYDRIDE)
L9 2933 S 1 2 4 5 BENZENETETRACARBOXYLIC
L10 1872 S PYROMELLITIC AND (ANHYDRIDE OR DIANHYDRIDE)
L11 4591 S (L9 OR L10)
L12 1 S L7 AND 2 PHENYL
L13 16813 S METHYL(4A)PHENYL(4A)IMIDAZOLE
L14 31 S METHYLPHENYL IMIDAZOLE
L15 24 S PHENYLMETHYL IMIDAZOLE
L16 12 S PHENYLMETHYLIMIDAZOLE
L17 0 S METHYLPHENYLIMIDAZOLE
L18 426 S BISMALEIMID?
L19 38661 S ACRYLIC
L20 131809 S EPOXY
L21 42690 S "EPOXY RESIN"/PCT
L22 285744 S POLYACRYLIC/PCT
L23 742 S L9 AND (ANHYDRIDE OR DIANHYDRIDE)
L24 8 S L7 AND C/ELS
L25 56215 S (L20 OR L21) AND CYCLO

FILE 'HCAPLUS' ENTERED AT 09:23:36 ON 23 DEC 2003

L26 2761 S L8
L27 166 S L12
L28 5 S L26 AND L27
L29 4 S L28 NOT L5

FILE 'DPCI' ENTERED AT 09:26:57 ON 23 DEC 2003

L30 0 S TONG?/IN AND BODAN?/IN

FILE 'HCAPLUS' ENTERED AT 09:41:50 ON 23 DEC 2003

L31 0 S WAFER COMPRESSIVE FLOW UNDERFILL/TI
L32 15 S "SHI S H"/AU
L33 1800 S SHI S?/AU,IN
L34 12 S L32 AND UNDERFILL/TI
L35 25 S L33 AND UNDERFILL#####
L36 9 S (L34 OR L35) AND (ANHYDRIDE### OR DIANHYDRID##### OR DEHYDR#####)
L37 SEL PLU=ON L36 1- RN: 74 TERMS
L38 1238935 S L37
L39 9 S L36 AND L38

FILE 'REGISTRY' ENTERED AT 09:44:24 ON 23 DEC 2003

L40 74 S L37
L41 5 S L40 AND (ANHYDRIDE### OR DIANHYDRID##### OR DEHYDR#####)

FILE 'HCAPLUS' ENTERED AT 09:44:52 ON 23 DEC 2003

L42 9 S L36 AND L41
L43 0 S L7 AND L42
L44 1 S (L11 OR (L13 OR L14 OR L15 OR L16 OR L17 OR L18) OR L23) AND L42
L45 0 S NSC 4798

FILE 'HCAPLUS' ENTERED AT 09:44:52 ON 23 DEC 2003

L46 0 S NSC4798
L47 842 S PMDA
L48 11304 S PYROMELLITIC OR CUREZOL OR 2P4MZ
L49 0 S L42 AND (L47 OR L48)
L50 9 S (L42 OR L43 OR L44)
L51 1 S "132:230125"/DN
L52 7 S (US6467676 OR US6180696 OR US6404068 OR
US2002128353 OR US20020128353 OR JP48085458 OR JP07224153)/PN
L53 SEL PLU=ON L52 1- RN: 56 TERMS

FILE 'REGISTRY' ENTERED AT 09:55:03 ON 23 DEC 2003

L54 56 S L53
L55 47 S L54 AND C/ELS

FILE 'HCAPLUS' ENTERED AT 09:55:17 ON 23 DEC 2003

L56 7 S L52 AND L55
L57 3 S (US2001034382 OR US20010034382 OR JP04248827 OR JP58103525)/PN
L58 SEL PLU=ON L57 1- RN: 25 TERMS

FILE 'REGISTRY' ENTERED AT 09:56:51 ON 23 DEC 2003

L59 25 S L58
L60 23 S L59 AND C/ELS

FILE 'HCAPLUS' ENTERED AT 09:57:08 ON 23 DEC 2003

L61 2 S L57 AND L60
L62 158141 S L58
L63 3 S L57 AND L62
L64 1 S L63 NOT L61
L65 32 S L11 AND (L12 OR L13 OR L14 OR L15 OR L16)
L66 9 S L23 AND L65
L67 23 S L65 AND (ANHYDRIDE OR DIANHYDRIDE OR DEHYDR#####)
L68 0 S L18 AND L65
L69 12 S L19 AND L65
L70 4 S L25 AND L65
L71 32 S (L65 OR L66 OR L67 OR L68 OR L69 OR L70)
L72 99 S (L12 OR L13 OR L14 OR L15 OR L16) AND L48
L73 48 S (L12 OR L13 OR L14 OR L15 OR L16) AND 1 2 4 5
L74 1 S (L12 OR L13 OR L14 OR L15 OR L16) AND BENZENETETRACARBOXYLIC?
L75 85 S (L72 OR L73) AND (CURE? OR CURAB? OR PHOTOCUR? OR ?CROSSLINK?)
L76 55 S L75 AND COMPOS#####
L77 61 S (L72 OR L73) AND COMPOS#####
L78 1 S (L72 OR L73) AND L18
L79 15 S (L72 OR L73) AND L25
L80 3 S (L72 OR L73) AND BISMAL#####
L81 16 S (L72 OR L73) AND ACRYL#####
L82 85 S (L72 OR L73) AND EPOX#####
L83 4 S (L72 OR L73) AND WAFER
L84 0 S (L72 OR L73) AND (SI OR SILICON)(W)(BASE OR SUBSTRATE OR SUPPORT)
L85 17 S (L72 OR L73) AND SUBSTRATE

FILE 'REGISTRY' ENTERED AT 10:42:58 ON 23 DEC 2003

L86 1 S SILICON/CN

FILE 'HCAPLUS' ENTERED AT 10:42:58 ON 23 DEC 2003

L87 374733 S L86
L88 1 S (L72 OR L73) AND L87
L89 34 S (L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR
L78 OR L79 OR L80 OR L81 OR L82) AND (ANHYDRIDE OR DIANHYDRIDE OR DEHYDR#####)
L90 85 S (L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR
L78 OR L79 OR L80 OR L81 OR L82) AND (CURE? OR CURAB? OR PHOTOCUR? OR ?CROSSLINK?)
L91 23 S L89 AND L90
L92 75 S L71 OR L74 OR (L78 OR L79 OR L80 OR L81) OR L83 OR L85 OR (L88 OR L89) OR L91
L93 4 S L92 AND (L29 OR L50 OR L51 OR L61 OR L56 OR L64)
L94 71 S L92 NOT L93
L95 5 S L94 AND (L93 OR 1 2 4 5)
L96 SEL PLU=ON L5 1- IC : 2 TERMS
L97 6776 S L96
L98 6 S L94 AND L97
L99 5 S L98 NOT (L95 OR L93)
L100 61 S L94 NOT (L98 OR L95 OR L93)
L101 1 S L100 AND WAFER?
L102 60 S L100 NOT L101
L103 1 S L102 AND (TWO OR SECOND OR ANOTHER OR 2)(W)(COMPOSITION##### OR COMPOUND OR
COMPONENT)
L104 59 S L102 NOT L103
L105 26 S L11 AND L104
L106 59 S (L13 OR L14 OR L15 OR L16) AND L104
L107 26 S L105 AND L106
L108 33 S L104 NOT L107

FILE 'JICST-EPLUS, INSPEC, WPIX, JAPIO' ENTERED AT 10:57:59 ON 23 DEC 2003

L109 4448 S (1 2 4 5 AND BENZENETETRACARBOXYLIC) OR PYROMELLITIC?
L110 3635 S L109 AND (ANHYDRIDE OR DIANHYDRIDE OR DEHYDR#####)
L111 0 S L110 AND METHYLPHENYLIMIDAZOL?
L112 4 S L110 AND PHENYLIMIDAZOL?
L113 23 S L110 AND METHYLIMIDAZOL?
L114 83 S L110 AND IMIDAZOL?
L115 15 S L110 AND 2 PHENYL
L116 31 S L110 AND (4(W)(METHYL OR METHYLIMIDAZOL?))
L117 13 S L114 AND L116
L118 14 S L113 AND (L114 OR L116)
L119 2 S (L113 OR L114 OR L115 OR L116) AND WAFER#####
L120 43 S (L113 OR L114 OR L115 OR L116) AND (LIQ OR LIQUID OR SOLVENT OR DISSOL##### OR DISPERS#####)
L121 3 S (L113 OR L114 OR L115 OR L116) AND UNDERFILL#####
L122 7 S (L113 OR L114 OR L115 OR L116) AND (BSTAG? OR STAGAB? OR STAGE#####)
L123 1 S US2001-0020638/PRN,AP
L124 SEL PLU=ON L123 1- IC MC : 19 TERMS
L125 166046 S L124
L126 48 S (L113 OR L114 OR L115 OR L116) AND L125
L127 16 S L120 AND L126
L128 46 S (L120 OR L126) AND EPOXY
L129 3 S (L120 OR L126) AND BISMAL#####
L130 9 S L127 AND L128
L131 65 S (L112 OR L113) OR (L115 OR L116 OR L117 OR L118 OR L119) OR (L121 OR L122) OR L127 OR (L129 OR L130)
L132 65 S L131 NOT L123
L133 8 S L132 AND (WAFER##### OR SUBSTRATE)
L134 65 S L132 AND (ANHYDRIDE OR DIANHYDRIDE OR DEHYDR#####)
L135 57 S L134 NOT L133
L136 55 DUP REM L135 (2 DUPLICATES REMOVED)
L137 0 S L136 AND 1 2 4 5
L138 55 S L136 AND (BENZENETERACARBOX? OR BENZENETETRACARBOX? OR PYROMELLITIC)
L139 17 S (L112 OR L113) AND L138